

Title (en)

HETEROCYCLIC COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE COMPRISING SAME

Title (de)

HETEROCYCLISCHE VERBINDUNG UND ORGANISCHE LICHEMITTIERENDE VORRICHTUNG DAMIT

Title (fr)

COMPOSÉ HÉTÉROCYCLIQUE ET DISPOSITIF ÉLECTROLUMINESCENT ORGANIQUE COMPRENANT LEDIT COMPOSÉ

Publication

**EP 3015465 A1 20160504 (EN)**

Application

**EP 14832822 A 20140710**

Priority

- KR 20130089869 A 20130729
- KR 2014006184 W 20140710

Abstract (en)

The present specification provides a heterocyclic compound and an organic light emitting device comprising the same.

IPC 8 full level

**C07D 403/14** (2006.01); **C07D 401/14** (2006.01); **C09K 11/06** (2006.01); **H01L 51/50** (2006.01)

CPC (source: EP US)

**C07D 401/14** (2013.01 - EP US); **C07D 403/14** (2013.01 - EP US); **C09K 11/025** (2013.01 - EP US); **C09K 11/06** (2013.01 - EP US); **H10K 50/11** (2023.02 - EP US); **H10K 85/654** (2023.02 - EP US); **H10K 85/6572** (2023.02 - EP US); **C09K 2211/1007** (2013.01 - EP US); **C09K 2211/1011** (2013.01 - EP US); **C09K 2211/1029** (2013.01 - EP US); **C09K 2211/1044** (2013.01 - EP US); **C09K 2211/1059** (2013.01 - EP US); **C09K 2211/185** (2013.01 - US); **H10K 85/342** (2023.02 - EP US); **H10K 85/615** (2023.02 - EP US); **H10K 85/633** (2023.02 - EP US); **H10K 2101/10** (2023.02 - EP US)

Cited by

EP3109247A1; EP3617290A1; US10062852B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3015465 A1 20160504**; **EP 3015465 A4 20161123**; **EP 3015465 B1 20190904**; CN 105431423 A 20160323; CN 105431423 B 20180703; JP 2016532686 A 20161020; JP 6231682 B2 20171115; KR 101547065 B1 20150825; KR 20150014368 A 20150206; TW 201518292 A 20150516; TW I558699 B 20161121; US 10253016 B2 20190409; US 11111231 B2 20210907; US 2016204359 A1 20160714; US 2019127352 A1 20190502; WO 2015016498 A1 20150205

DOCDB simple family (application)

**EP 14832822 A 20140710**; CN 201480042418 A 20140710; JP 2016531512 A 20140710; KR 2014006184 W 20140710; KR 20140085456 A 20140708; TW 103123656 A 20140709; US 201414908095 A 20140710; US 201816228544 A 20181220